

CLAIM AMENDMENTS

claims 1 through 24 (canceled)

1 25. (previously presented) A hybrid silicone composite
2 powder having a spherical shape with a particle diameter ranging
3 from 2 to 10 microns comprising polydimethylsiloxane (PMS) and
4 polymethylsilsesquioxane (PMSQ) networks.

1 26. (previously presented) The hybrid silicone composite
2 powder defined in claim 25 wherein the PMS and PMSQ networks form a
3 composite structure of interpenetrating polymer networks, which are
4 held together by physical entanglements on a molecular scale
5 without chemical bonding between them.

1 27. (new) The hybrid silicone composite powder defined in
2 claim 26, wherein the PMS and the PMSQ networks are sequentially
3 synthesized using two different reaction mechanisms.

1 28. (new) The hybrid silicone composite powder defined in
2 claim 27, wherein the PMS and the PMSQ networks have a weight ratio
3 of PMS:PMSQ ranging from 1:1 to 50:1.

1 29. (new) The hybrid silicone composite powder defined in
2 claim 27, wherein the PMS network is prepared by curing a liquid

3 rubber emulsion containing alkenyl silicone, hydrogen silicone, and
4 optionally methylalkoxysilane using a platinum catalyst.

/ 30. (new) The hybrid silicone composite powder defined
2 in claim 29 wherein the liquid rubber emulsion is an o/w emulsion.

1 31. (new) The hybrid silicone composite powder defined in
2 claim 29 wherein the alkenyl silicone contained in the liquid
3 rubber emulsion used to prepare the PMS network is an
4 organopolysiloxane having two or more alkenyl groups per molecule.

1 32. (new) The hybrid silicone composite powder defined
2 in claim 29 wherein the hydrogen silicone contained in the liquid
3 rubber emulsion used to prepare the PMS network is an
4 organohydrogen polysiloxane having two or more Si-H groups per
5 molecule.

1 33. (new) The hybrid silicone composite powder defined in
2 claim 29 wherein the methylalkoxysilane contained in the liquid
3 rubber emulsion used to prepare the PMS network is selected from
4 the group consisting of methyltrimethoxysilane and
5 methyltriethoxysilane.

1 34. (new) The hybrid silicone composite powder defined in
2 claim 27, wherein the PMSQ network is synthesized through
3 hydrolyzing and condensing methyltrialkoxysilane impregnated in the

- 4 PMS network with an aqueous solution of ammonia or an amine as the
5 catalyst.